



Catalogue of Amelia® Agrochemical Products

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Amelia® Agrochemical Products Available for Licensing

PRODUCT LIST

No.	Product name	Catalogue Number	Crops	Use	Main Characteristics of Product
A. General purpose liquid fertilizers					
1	Amelia® N-P-K 28-0-0	AA-F23	all crops	I, F	highly concentrated universal nitrogen fertilizer; balanced contents of nitrogen sources: NH_4^+ , NO_3^- , urea
2	Amelia® N-P-K 12-12-12	AA-F81	all crops except those sensitive to chloride	I, F	highly concentrated universal NPK fertilizer; contains chloride
3	Amelia® N-P-K 4-12-16	AA-F82	all crops	F, I	concentrated NPK fertilizer rich in potassium and phosphate
4	Amelia® N-P-K 6-12-4	AA-F85	all crops	F, I	NPK fertilizer with high phosphate content
5	Amelia® N-P-K 10-5-10	AA-F89	all crops	F, I	highly concentrated, most optimally balanced universal NPK fertilizer; chloride free
6	Amelia® N-P-K 20-0-0 + 0.2% Mg, 0.1% Fe, 0.05% Zn, 0.05% Mn, 0.02% Cu, 0.02% B, 0.0005% Mo	AA-F120	all crops	F, I	concentrated nitrogen fertilizer with magnesium and all important micronutrients in most effective relative concentrations; contains a well-balanced nitrogen sources: NH_4^+ , NO_3^- , urea; chloride free; Mg, Fe, Zn, Mn, Cu as EDTA chelates
7	Amelia® N-P-K 6-6-6 + 0.1% Fe, 0.05% Zn, 0.05% Mn, 0.01% Cu, 0.02% B, 0.0005% Mo	AA-F134B	all crops	F, I	concentrated NPK fertilizer with micronutrients; Fe, Zn, Mn, Cu as EDTA chelates; highly successful formulation suitable for foliar boosting in all crops
8	Amelia® N-P-K 6-6-6 + 0.02% Fe, 0.01% Zn, 0.01% Mn, 0.002% Cu, 0.004% B, 0.0001% Mo	AA-F134A	all crops	F, I	concentrated NPK fertilizer with micronutrients; Fe, Zn, Mn, Cu as EDTA chelates; highly successful formulation suitable for foliar boosting in all crops - post-emergency applications; the same concept at AA-F134B, but with 20% concentration of micronutrients
9	Amelia® N-P-K 4-4-4 + 0.02% Fe, 0.01% Zn, 0.01% Mn, 0.002% Cu, 0.004% B, 0.0001% Mo	AA-F131	all crops	F, I	optimal NPK fertilizer with micronutrients; Fe, Zn, Mn, Cu as complexes with citric acid; suitable for foliar boosting in all crops including in eco-friendly production
10	Amelia® N-P-K 16-4-4 + 0.2% Mg, 0.1% Fe, 0.05% Zn, 0.05% Mn, 0.02% Cu, 0.02% B, 0.0005% Mo	AA-F22	all crops	F, I	highly concentrated NPK fertilizer with magnesium and well-balanced micronutrients, rich in all nitrogen sources; Mg, Fe, Zn, Mn, Cu as EDTA chelates

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11	Amelia® N-P-K 8-5-4 + 0.2% Ca, 0.1% Mg, 0.01% B, 0.01% Fe, 0.005% Mn, 0.005% Zn, 0.005% Cu, 0.002% Mo	AA-F1	all crops	F, I	concentrated universal NPK fertilizer with calcium, magnesium, and all micronutrients in a well-balanced formulation; Ca, Mg, Fe, Mn, Zn, Cu as EDTA chelates; suitable as universal fertilizer for a wide range including emergency applications
12	Amelia® N-P-K 3-0-8 + 0.2% Mg, 0.1% Fe, 0.05% Zn, 0.05% Mn, 0.02% Cu, 0.02% B, 0.0005% Mo	AA-F25B	all crops	F, I	phosphate-free NK fertilizer with magnesium and micronutrients
B. Special purpose fertilizers					
13	Amelia® N-P-K 4-5-8 + 0.02% Fe, 0.01% B, 0.003% Zn, 0.003% Cu	AA-F2	flowers and ornamental plants	F, I	well-balanced NPK fertilizer with chelated crytical micronutrients (Fe, B, Zn, Cu) for flowering plants and ornamentals; Fe, Zn, Cu as EDTA chelates
14	Amelia® N-P-K 4-5-10 + 0.2% Fe, 0.1% B, 0.1% Mg	AA-F3	flowers / pelargonium / petunia	F, I	well-balanced NPK fertilizer with chelated Mg and micronutrients (B, Fe) for general use at blossoming plants; Fe and Mg as EDTA chelates
15	Amelia® N-P-K 14-5-4 + 0.15% Fe, 0.1% B	AA-F4	turfs / sport grounds	F, I	well-balanced NPK fertilizer with Fe and B suitable for turfs; Fe as EDTA chelate
16	Amelia® N-P-K 5-0-7 + 0.5% Mg, 0.5% B, 0.25% Fe	AA-F5	grape	F, I	well-balanced NK fertilizer (phosphate free) with Mg and micronutrients (B, Fe) suitable for grape production
17	Amelia® N-P-K 0-9-12 + 0.05% B, 0.05% Mn, 0.005% Mo	AA-F6	apples, pears, peaches, nectarines, olives, grape, various fruits	F, I	well-balanced PK fertilizer (nitrogen free) with micronutrients (B, Mn, Mo) suitable for fruit-growing; stimulates formation of crops, photosynthesis, and development of root, stalk, and buds; Mn as EDTA chelate
18	Amelia® N-P-K 3-6-9 + 0.2% B, 0.02% Fe, 0.01% Zn, 0.01% Mn, 0.002% Cu, 0.0001% Mo	AA-F121A	fruits	F, I	well-balanced NPK fertilizer with micronutrients (B, Fe, Zn, Mn, Cu, Mo) for fruit-growing; Fe, Zn, Mn, Cu as EDTA chelates
19	Amelia® N-P-K 10-5-4 + 0.02% B, 0.02% Fe, 0.01% Zn, 0.01% Mn, 0.002% Cu	AA-F126A	vegetables	F, I	well-balanced NPK fertilizer with micronutrients (B, Fe, Zn, Mn, Cu) for vegetables; Fe, Zn, Mn, Cu as EDTA chelates
C. Fertilizers based on secondary nutrients and micronutrients					
SULPHUR (S as SO₄²⁻)					
20	Amelia® N-P-K 16-0-0 + 8% S, 0.1% Mg, 0.05% Fe, 0.025% Zn, 0.025% Mn, 0.01% Cu, 0.01% B, 0.00025% Mo	AA-F29	all crops	F, I	concentrated nitrogen fertilizer with magnesium, micronutrients, and a highly concentrated sulphate component; deficiency of sulphur; high sulphate fertilizers reduce a consumption of nitrogen (cost-effective nitrogen fertilization management); also for management sulphur deficiency in all crops



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CALCIUM (Ca)					
21	Amelia® 3% Ca (chelated)	AA-F7.2	all crops	F, I	for management of calcium deficiency in all crops; Ca as EDTA chelate
22	Amelia® 5% Ca (chelated)	AA-F7.3	all crops	F, I	for management of calcium deficiency in all crops; Ca chelated within carbohydrate complex; suitable for organic production
23	Amelia® 5% Ca, 1% B (chelated Ca)	AA-F9.2	all crops	F, I	for management of calcium and boron deficiencies in all crops
24	Amelia® NPK 10-0-0 + 10% Ca	AA-F7.1	all crops	F, I	for management of calcium deficiency in all crops; free, uncomplexed Ca
MAGNESIUM (Mg)					
25	Amelia® 2% Mg (chelated)	AA-F8.6	all crops	F, I	for management of magnesium deficiency in all crops; Mg as EDTA chelate
26	Amelia® 4% Mg (chelated)	AA-F8.5	all crops	F, I	for management of magnesium deficiency in all crops; Mg chelated within carbohydrate complex; suitable for organic production
27	Amelia® 2% Mg + 0.1% B, 0.1% Mn, 0.1% Zn, 0.1% Cu	AA-F8	all crops	F, I	for management of magnesium deficiency and boosting in all crops; Mg, Mn, Zn, Cu as EDTA chelates
28	Amelia® 6% Mg + 8% N	AA-F26	all crops	F, I	for management of magnesium deficiency and boosting in all crops; free, uncomplexed Mg
BORON (B)					
29	Amelia® 3% B + 3% N	AA-F9.4	all crops	F, I	for management of boron deficiency in all crops; boron is chelated within carbohydrate complex; suitable for organic production
30	Amelia® 5% B	AA-F9.1	all crops	F, I	for management of boron deficiency in all crops; boron is chelated within amino alcohol complex
IRON (Fe)					
31	Amelia® 3% Fe	AA-F10	all crops	F, I	for management of iron deficiency in all crops; Fe as EDTA chelate
32	Amelia® 6% Fe	AA-F117	all crops	F, I	for management of iron deficiency in all crops; Fe as carbohydrate complex; suitable for organic production
33	Amelia® 6% Fe	AA-F91	all crops	F, I	for management of iron deficiency in all crops; Fe as complex with sugar acid; suitable for organic production
34	Amelia® NPK 6-0-0 + 6% Fe	AA-F91A	all crops	F, I	for management of iron deficiency and boosting in all crops; Fe as complex with sugar acid



No.	Product name	Catalogue Number	Crops	Use	Main Characteristics of Product
ZINC (Zn)					
35	Amelia® 3% Zn	AA-F32	all crops	F, I	for management of zinc deficiency in all crops; Zn as EDTA chelate
36	Amelia® 6% Zn	AA-F35	all crops	F, I	for management of zinc deficiency in all crops; Zn as citrate complex; suitable for organic production
37	Amelia® 6% Zn	AA-F93	all crops	F, I	for management of zinc deficiency in all crops; Zn as complex with sugar acid; suitable for organic production
38	Amelia® 12% Zn	AA-F44	all crops	F, I	for management of zinc deficiency in all crops; free, uncomplexed Zn ²⁺
39	Amelia® NPK 6-0-0 + 6% Zn	AA-F93A	all crops	F, I	for management of zinc deficiency in all crops; Zn complexed with sugar acid
MANGANESE (Mn)					
40	Amelia® 3% Mn	AA-F30	all crops	F, I	for management of manganese deficiency in all crops; Mn as EDTA chelate
41	Amelia® 6% Mn	AA-F33	all crops	F, I	for management of manganese deficiency in all crops; Mn as citrate complex; suitable for organic production
42	Amelia® 12% Mn	AA-F45	all crops	F, I	for management of manganese deficiency in all crops; free, uncomplexed Mn ²⁺
43	Amelia® NPK 6-0-0 + 6% Mn	AA-F111A	all crops	F, I	for management of manganese deficiency and boosting in all crops; Mn as citrate complex
COPPER (Cu)					
44	Amelia® 3% Cu	AA-F31	all crops	F, I	for management of copper deficiency in all crops; Cu as EDTA chelate
45	Amelia® 6% Cu	AA-F34	all crops	F, I	for management of copper deficiency in all crops; Cu as citrate complex; suitable for organic production
46	Amelia® NPK 6-0-0 + 6% Cu	AA-F92A	all crops	F, I	for management of copper deficiency and boosting in all crops; Cu as carbohydrate complex
47	Amelia® NPK 6-0-0 + 6% Cu	AA-F112	all crops	F, I	for management of copper deficiency and boosting in all crops; Cu as citrate complex
MOLYBDENUM (Mo)					
48	Amelia® 3% Mo	AA-F59	all crops	F, I	for management of molybdenum deficiency in all crops; free, uncomplexed molybdenum
Micronutrient mix products					
49	Amelia® NPK 3-0-0 + 1% Mg, 1% Fe, 0.5% Zn, 0.5% Mn, 0.2% Cu, 0.02% Mo, 0.3% B	AA-F53	all crops	F, I	universal micronutrient mix; Mg, Fe, Zn, Mn, Cu as EDTA chelates
50	Amelia® NPK 3-0-0 + 2% Zn, 1.2% Fe, 0.6% Mn, 0.2% Cu, 0.3% B, 0.03% Mo	AA-F51	tree and wine mix / all crops	F, I	tree and wine mix; Zn, Fe, Mn, Cu as EDTA chelates

No.	Product name	Catalogue Number	Crops	Use	Main Characteristics of Product
51	Amelia® NPK 3-0-0 + 1.5% Zn, 1.5% Fe, 0.75% Mn, 0.75% Cu, 0.05% B, 0.005% Mo	AA-F52	all crops	F, I	universal micronutrient mix for start-up; Zn, Fe, Mn, Cu as EDTA chelates
52	Amelia® NPK 3-0-0 + 3% N, 3% Zn, 2% Fe, 2% Mn	AA-F127	all crops	F, I	universal boosting micronutrient mix; Zn, Fe, Mn as EDTA chelates
53	Amelia® 6% Zn + 6% Mn	AA-F42	all crops	F, I	for management of zinc and manganese deficiencies and boosting; free uncomplexed Zn ²⁺ and Mn ²⁺
Environmentally-friendly pesticides					
54	Amelia® mineral oil insecticide EC	AA-F69	all infected crops	F	insecticide and ovicide; emulsion concentrate
55	Amelia® potassium soap 30%	AA-F66	all infected crops	F	insecticide; concentrated solution
56	Amelia® potassium soap 2%	AA-F66A	all infected crops	F	insecticide; ready-for-use solution
57	Amelia® potassium bicarbonate SP	AA-F71	all infected crops	F	fungicide; solid formulation
58	Amelia® calcium polysulphide 25%	AA-F72	all infected crops	F	fungicide; concentrated solution
59	Amelia® rosemary oil 50% EC	AA-F67	all infected crops	F	fungicide; emulsion concentrate
60	Amelia® rosemary oil 5% EC	AA-F68	all infected crops	F	fungicide; emulsion concentrate
Miscellaneous products					
61	Amelia® struvite SR	AA-F65	all crops	D	slow-release nitrogen fertilizer based on struvite (NH ₄ MgPO ₄ ·6H ₂ O); highly efficient N-P-Mg fertilizer; original concept; not employed in "mainstream" agriculture; its production can be connected with phosphate recovery from manure of large farms
62	Amelia® adjuvant organic	AA-F61	all crops	F	adjuvant based on plant seed oil and eco-friendly non-ionic surfactant; liquid formulation; eco-friendly and renewable product; acts as spreader / activator / penetrator; increases activity and foliar absorption of various agricultural chemicals; suitable for both conventional and organic production
63	Amelia® adjuvant classic	AA-F62	all crops	F	adjuvant based on mineral oil; liquid formulation; acts as spreader / activator / penetrator; increases foliar absorption of various agrochemicals
64	Amelia® spray adjuvant organic	AA-F152	all crops	F	wetting agent based on eco-friendly non-ionic surfactants; concentrated solution; improves wetting of foliage, and enhances the efficiency of agricultural sprays
65	Amelia® clay protector	AA-F78	all sunburn-sensitive crops	F	a clay-based product for prevention of sunburn at tomato, citrus, onions, and other sunburn-sensitive crops; eco-friendly product
66	Amelia® line cleaner	AA-F150	-	-	line cleaner / detergent for washing of all spraying equipment; based on renewable and eco-friendly surfactants and auxiliary ingredients; eco-friendly product



No.	Product name	Catalogue Number	Crops	Use	Main Characteristics of Product
67	Amelia® drift controller	AA-F155	-	F	drift control additive; acts as drift retardant to increase spray deposition of various agricultural sprays; based on eco-friendly actives and auxiliary ingredients
68	Amelia® rooting aid	AA-F154	vegetables, flowers	D	plant hormone for stimulation of rooting based on 4-(indol-3-yl)butanoic acid; powdery formulation

F = use by foliar application (spraying)

I = use by fertigation

D = use by dispersing of solid over the field or plant or root