

Annex 1

Step 1: The concentrate 'C6' from Table 5 of WO 2018/231567 A1 was reproduced as described in that document, resulting in a composition as follows:

Table 1

Component	% w/w	% solids
Azoxystrobin	22.50	22.50
AL 2575 (70% C8,10 APG)	4.00	2.80
Deoiled lecithin* (73%)	4.00	2.92 [#]
SAG 1572	0.10	0.10
Proxel GXL	0.10	0.10
Propylene glycol	6.00	6.00
Water	63.30	63.30

* 90% acetone insoluble soy lecithin, Alfa Aesar

[#] of which an anionic phospholipid component contributes 0.84 wt.% to the concentrate composition

Step 2: 1 ml of the concentrate of Table 1 was mixed with 10 ml of the F1 fertiliser as described on page 17 of WO 2018/231567 A1. This yielded a diluted composition having the following composition:

Table 2

Component	% w/w	% solids
10-34-0 fertiliser	90.92	90.92
Azoxystrobin	2.05	2.05
AL 2575 (70% C8,10 APG)	0.36	0.25
Deoiled lecithin* (73%)	0.36	0.25 [#]
SAG 1572	0.001	0.001
Proxel GXL	0.001	0.001
Propylene glycol	0.55	0.55
Water	5.76	5.76

* 90% acetone insoluble soy lecithin, Alfa Aesar

[#] of which an anionic phospholipid component contributes 0.076 wt.% to the concentrate composition

Step 3: Taking the composition of Table 2 as a basis, similar compositions were prepared, but the surfactant and total amount of surfactant was changed as shown in Table 3:

Table 3

	0.5 wt.% surfactant	4 wt.% surfactant	6 wt.% surfactant
Component	% solids	% solids	% solids
10-34-0	90.92	87.91	86.06
Azoxystrobin	2.05	1.98	1.94
AL 2575 (70% C8,10 APG)	0.25	2.00	3.00
Surfactant *	0.25	2.00	3.00
SAG 1572	0.001	0.001	0.001
Proxel GXL	0.001	0.001	0.001
Propylene glycol	0.55	0.53	0.52
Water	5.76	5.58	5.48

For the compositions prepared according to Table 3, the surfactant* that was used is that of Table 4:

Table 4

No.	Commercial Product	Surfactant	Headgroup	Tailgroup
1	Nansa HS 80S (80% w/w)	Sodium dodecyl benzene sulphonate	Anionic	Two alkyl groups
2	Hostaspur SAS93 (93% w/w)	Sodium secondary alkyl sulphonate	Anionic	Two alkyl groups
3	Deoiled Lecithin (73%)	Mixture of phospholipids	Anionic + zwitterionic	Two alkyl groups
4	1:5 Octanol/Arquad 16-29 (100%/29%)	Octanol + hexadecyltrimethylammonium chloride	Nonionic + cationic	Two alkyl groups
5	AL 2575 (70%)	C8, C10 alkyl polyglucoside	Nonionic	One alkyl group

The various compositions with different surfactants and surfactant amounts were stored for 3 weeks at 20°C and then examined for separation in the same manner as for the examples in PCT/EP2019/086615. The results are shown in Table 5:

Table 5

Sample	Surfactant combination (APG + Surfactant from Table 4)	Total Surfactant Concentration (%w/w)	% separation 3 wks at 20°C
1-1	APG + Surfactant 1	0.5	75.0
1-2	APG + Surfactant 1	4.0	10.0
1-3	APG + Surfactant 1	6.0	0.0
2-1	APG + Surfactant 2	0.5	63.0
2-2	APG + Surfactant 2	4.0	3.0
2-3	APG + Surfactant 2	6.0	0.0
3-1	APG + Surfactant 3	0.5	56.0
3-2	APG + Surfactant 3	4.0	51.0
3-3	APG + Surfactant 3	6.0	65.0
4-1	APG + Surfactant 4	0.5	83.0
4-2	APG + Surfactant 4	4.0	90.0
4-3	APG + Surfactant 4	6.0	90.0
5-1	APG + Surfactant 5	0.5	42.0
5-2	APG + Surfactant 5	4.0	21.0
5-3	APG + Surfactant 5	6.0	22.0