MAGRUDER CHECK SAMPLE PROGRAM

Proposed Magruder 2009-2010 Sample Schedule - Revised 2/22/09

Magruder Number	Product N-P-K	Guarantees	Responsible	Analyses to be checked in addition to N-TP-APA-K
2009-07	**19-1-19**	3.8NH3N, 2.5WIN, 8.7UreaN, 4OWSN, S11.1, CombS11.1, 3Fe, 0.3WSFe, 0.18Zn, 0.18WSZn		NH3N, S, Comb S, Fe, WSFe, Zn, Cl, *
2009-08	**5-5-5**	5NH3N, 2.5Mg, 2.5WSMg, 6Ca, 13S, 1.5B, 1Cu, 1.5Mn, 2Zn		NH3N, Ca, Mg, WSMg, S, Comb S, B, Cu, Mn, WSMn, Zn *
2009-09	**8-8-24 Tob**	4NH3N, 4NN, 1Ca, 2Mg, 2WSMg, 7S, 0.033B, 0.1Fe, 0.1Mn, .1Zn, 4Cl		NH3N, NN, Ca, TMg, WSMg, S, Comb S, B, Fe, Mn, WSMn, Zn, Cl, *
2009-10	**2-4-8 Liquid**	0.023B, 0.06Fe, 0.049Zn, S 2.0 0.044Mn, 0.034Cu, 0.00012Mo		TN, Urea N, P, K, S, B, Fe, Zn, Mn, Cu, Mo
2009-11	**9-23-30**	50/50 blend of 2010-01		Same as materials in 2010-01* Use for **Homogeneity testing**
2009-12	**8-3-5 Organic**	0.2NH3N, 7.2WIN, 0.6 OWSN, 3Ca, 2Mg, 2WSMg, 4S		TN, WIN, NH3N, OWSN, P, K, Ca, TMg, WSMg, S, *
2010-01	**A - DAP and B - KCl**	18NH3N, 46P2O5 and 60K2O 48Cl		DAP -TN, NH3N, TP, AP, S, SO4, KCl* - K, Cl - run the metals on the KCl*
2010-02	**32-0-10**	17% WIN, 14.7% WSSAN, 3.5% Urea N, 0.8% NH3, 1% Fe		31.2% N from Methylene Urea and Iron Oxide
2010-03	**7-9-25**	3NH3N, 4NN, 1Ca, 2.5Mg, 2WSMg, 8S, 0.03B, 0.1Fe, 0.1Mn, .1Zn, 3.5Cl		NH3N, NN, Ca, TMg, WSMg, S, Comb S, B, Fe, Mn, WSMn, Zn, Cl, *
2010-04	**0-46-0 TSP**	TSP 0-46-0		TPA, IPA, AP, Ca, S, Fe, Mg, Cu *
2010-05	**5-12-12**	3NH3N, 2NN, 6Ca, 3Mg, 3WSMg, 7S, 0.15B, 0.2Fe, 0.4Mn, 0.3Zn, 2Cl		NH3N, NO3N, Ca, TMg, WSMg, S, Comb S, B, Fe, Mn, WSMn, Zn, Cl, * **Homogeneity testing**
2010-06	**A -Urea B -Sulfur Manganese**	12S, 20Mn, 12WSMn, 9Fe		Biuret on A - S, Mn, WSMn, Fe on B*

***** Analyze for: As, Cd, Cr, Co, Cu, Hg, Mo, Ni, Pb, Se, Zn

WSSAN - Water Soluble Slowly Available Nitrogen, MDU - Methylene Di Urea, DMTU - Dimethylene Tri Urea
MU - Methylene Urea, OWSN - Other Water Soluble Nitrogen, WIN - Water Insoluble Nitrogen