

Subject Index**A**

Adjuvants, 158, 193
 Aerosol science, 10
 Alachlor, 24
 Application technology, 247
 ASTM test methods,
 D 56: 149
 D 93: 149
 E 1116: 97
 Atmospheric dispersion, 10
 Atrazine, 24

B

Bacillus thuringiensis, 271
 Beacon, 258
 Biocontrol agents, 173

C

Closed system, 183
 Compatibility, 73, 121, 134
 Compression, 105
 Computer codes, 10
 Controlled droplet
 application (CDA), 183
 Controlled release, 48, 57
 Cosolvents, 149

D

Diazinon, 57
 Disintegration, 105
 Dispersion, 134
 Drift, 193
 Droplet atomization, 193
 Drop spectra, 193
 Dry flowable, 134

Dynamic surface tension, 158

E

Efficacy, 271
 Efficiency, 183
 Emulsifiable concentrates, 73
 Emulsion stability, 158
 Encapsulation, 33, 41, 97
 Excipients, 105

F

Fertilizer compatibility, 134
 Flash point, 149
 Forest weeds, 247
 Formulations, 73, 121

G

Granules, 48
 Ground water, 41

H

Hardness, 105
 Herbicides, 41
 Hydrophilic:lipophilic balance
 (HLB), 258

I-J

Inert ingredients, 3
 Johnsongrass, 218

L

Lasers, 193
Leaf surface coverage, 218
Leaf wax chemistry, 218
Liquid fertilizer, 121

M

Mathematical models, 10
Microbial pest control agents, 173
Mineral oil, 218
Mixed active ingredients, 73
Molecular weight, 258

N

N-alkyl pyrrolidones, 73
Nonaqueous applications, 218
Nozzles, 193, 206

P-Q

Pattern, 206
Patternators, 206
Permethrin, 24
Pesticides, 48, 57, 73, 97, 121, 183
applications, 183
airborne, 10
biological, 33
waste management, 24
Pumps, 193
Quackgrass, 208

R

Redispersions, 97
Regulations, 149
Pesticide Enforcement Act, 3
Protection Act of

Environmental Protection Act of 1990, 3
Roundup, 247

S

Shaker test, 134
Slow release, 41
Sprays, 206
depositions, 271
Solvents, 149
optimization, 73
Spruce budworms, 271
Starch, 33, 41
Surface tension, 158, 258
Surfactants, 73, 149, 247
Suspensibility, 134

T

Tablets, 105
Tank mix, 121
Temperature, 97
cloud point, 258
pour point, 258
Temperature-activated, 57
Test method, 121 (*see* ASTM Test Methods)
Translocation, 247
Trifluralin, 57

U-V

Ultralow volume (ULV), 218
Vapor pressure, 149
Vegetable oil, 218

W

Water, 121
hardness, 97
Wear, 206
Wetting, 218
agents,
Worker exposure,