Index

A.B.C. of Corn Cultivation
Russian translation, 118
Spanish translation, 121
Adair County, 18, 20
Allamakee County, 18
Anthony, Dean Emeritus
   Ernest, 7
Barren stalks related to
   farmers’ varieties, 34, 35, 37–39
   imported seed, 45
   individual ears, 50–52
   seed house seed, 45
   thickness of planting, 25, 26
Bessarabia, Russia, 117
Black Hawk County, 18, 19
Black yellow dent, 96
Bliss, G. R., 19
Bliss, R. K., 7, 8
Bowman, M. L., 110, 116
Boys’ club in Russia, 119
Bradburne, H. F., 126, 127
Brown, William L., 89
Bryan, A. A., 95
Buena Vista County, 18
Burger, A. A., 19
Burnett, L. C., 17
Butt kernels, 17
   yields related to middle and
   tip kernels, 55, 56
Cedar County, 18
Cerro Gordo County, 18
Cherokee County, 18
Chickasaw County, 18, 20
Chinquanxino, an Italian variety
   of corn, 118
Christian County, Illinois,
   71–73
Clay County, 18
Clinton County, 5, 19, 21, 42
   corn yield test, 61–75
   yield of different varie-
   ties, 65
4-H Club boys, 69
Cooperative Agricultural Ex-
   tension
   first in Iowa, 15
   plaque commemorating, 16
Corn
   and its early fathers, 89
   Foundation, Michigan State
   University, 7
   Products Millers, 73
score cards. See score
   cards for corn shows, 97
International Livestock
   Exposition, 105
   judging, Holden’s ideas,
   103
Cornish, Henry, 69
Coverdale, Frank, 69
Coverdale, John, 73
Crawford County, 18
Daily Breeze and Courier,
   Taylorville, Illinois, 71
Dann, T. H., 69
Delaware County, 18
Demonstrations
- history of, 15-20
- plans of, 20, 23, 29
- purpose of, 29
- records kept, 24
Depth of planting, 17
- related to yields, 54, 55
Des Moines County, 18, 19
Diaz, Porfirio, Jr., 121

Ear testing of seed corn for germination, 56-58
Eggers, P. E., 69, 70

Fallacies in recommendations in imported seed tests, 46, 47
Farm Bureau Farm Management Service, 84
Farm Progress Show, 106
Farmers' variety tests, 16, 22, 29-42
- barren stalks, cause of low yields, 34, 35, 37-39
- counties were conducted, 18
differences in yield, 30
- gain or loss of yield due to other causes than good or poor stands, 35, 40
- germination of seed related to yield, 32-34
- marketable ears related to yield, 35, 39, 40
- nubbins, a cause of low yields, 34, 35
- plan of demonstrations, 29
- purpose of demonstrations, 29
- second year tests, 40-42
- stand related to yield, 31, 32
- third year tests, 40-42
Fish, Don E., 19
4-H Club boys, 69

Germination tests
- value of testing each ear, 56-58

Given, Superintendent of the C.R.I. and P. Railroad, 112
Golden King corn, 96
Gorozpe, Sr. Luis, 120, 122, 125
Greene County, 18, 20
Greve, C. W., 69, 70, 71, 73
Guthrie County, 18

Hacienda de Pate, 121, 122
Hacienda de Tuzamapam, 121, 124
Hardin County, 18, 20
Hedin, Eric, 127
Henry County, Illinois, 84
Henry County, Iowa, 18, 19
Hershey, Isaac, 89
Higgins, A. L., 19
Holden, Perry G., frontispiece, 5, 7, 8, 15, 17, 19, 21, 71, 73, 97, 98, 103, 109, 110, 116, 117, 121, 128
Homrighausen, J. N., 69
Hughes, H. D., 8, 90, 95
Hull, Iowa, 15, 16
 plaque at, 16
Humbold County, 18
Hybrids
- open pollinated strains compared with, 94
- similar to yield test selections of open pollinated varieties, 106
- yield tests important to breeding programs, 86-89, 96

Imported seed, 43
Individual ear tests, 48-53
- purposes, 48
- yield differences, 48, 51
- yield related to barren stalks, 50-52
- germination tests, 17, 48, 49
- marketable ears, 51, 52
- stand, 49, 50
INDEX

International Livestock Exposition, 105
Introduced variety tests, 17, 43-47
imported seed, 43
barren stalks compared with farmers' samples, 44, 45
marketable ears compared with farmers' samples, 45, 46
source of seed, 43
yields compared with farmers' samples, 45
plan of demonstrations, 43
seed house seed, 43, 45
barren stalks compared with farmers' samples, 45
marketable ears compared with farmers' samples, 45, 46
source of seed, 43
yields compared with farmers' samples, 44, 45
Kamm, C. H., 82
Keokuk County, 18
King, J. A., 19
Kishinev, capital of Bessarabia, Russia, 118
Kossuth County, 18, 20
Krug, George, 5, 75, 78, 80, 81, 82, 85, 86, 87
description of Krug corn, 87
photograph of typical ears, 80
distribution of Krug corn, 82-85, 96
Lampe, Herman, 82
Lancaster Sure Crop corn, 89
Lee County, 18
Linn County, 18
Lost manuscripts, 21
Louisa County, 18
McChesney, E. D., 82
McDonald, Murl, 7, 8, 19
Madison County, Nebraska, 84
Mahaska County, 18
Marion County, 18, 19
Marketable ears in relation to yield
farmers' varieties, 35, 38-40
imported seed, 45, 46
individual ear tests, 51, 52
seed house seed, 45, 46
thickness of planting, 35, 39-40
Marshall County, 18
Martin, John, 82
Merrill, J. W., 19
Mexico, 120
Bradburne, H. F., 126, 127
Coatepec, 126, 127
corn in
Mexico state, 121
Vera Cruz state, 121
Diaz, Porfirio, Jr., 121
Gorozpe, Sr. Luis, 120, 121, 125
Pate, Hacienda de, 121, 122
Mexico (continued)
Tuzamapam, Hacienda, de, 121, 124
Michael, Louis G., 110, 116, 117, 119, 120
Agricultural Attache in
Moscow, 120
Michigan State University Corn
Foundation, 7, 86, 88, 104
Middle kernels, 17
yields related to butt and tip
kernels, 55, 56
Mills County, 18
Mitchell County, 18
Montgomery County, 18, 20
Motz, W. W., 84
Muscatine County, 18, 19

Nebraska
Madison County, 84
Motz, W. W., 84
Nelson, A. E., 19
Nubbins reduced yields, 66

Olsen, John, 69
Open pollinated and hybrid
strains compared, 94
Orangaway, Hungarian variety
of corn, 118
Osterland yellow dent, 96

Page County, 18, 20
Palmer, J. C., 69
Peabody, C. A., 72
Peabody, Ross, 72
Pfister Associated Growers, 89
Pfister, Lester, 83, 85, 86, 88, 89
Plan and purpose of
Clinton County Corn Yield
Test, 91-93
County Farm Demonstrations, 20
farmers' variety tests, 29
individual ear tests, 48
introduced seed tests, 43
Iowa State Corn Yield Test, 91-93

thickness of planting tests, 23
Woodford County Corn Yield
Test, 75
Plymouth County, 18
Point 4-Type programs, 117-28
Polk County, 18, 20, 30
Pottawattamie County, 18, 30

Reid, James L., 89
Rice, William, 69
Robinson, Joe L., 95, 104
Rominestie, the Tzar's estate in
Bessarabia, Russia, 119
Russia, 110, 117
Bessarabia, 117
Kishinev, capital of Bessa-
rabia, 118
Rominestie, 119
boy's club, 119
corn varieties recommended
Bessarabia flint, 118, 119
Chinquanxino, 118, 119
Orangaway, 118, 119
Michael, Louis G., in, 110,
116, 117, 119, 120

Schertz, Edwin R., 82
Schertz, Peter R., 82
Schneider, H. J., 69
Schnack, Detlef, 69, 70
Schrantz, Sylvester, 72
Score card for corn
changes in score cards, 102
eyearly score card, 98-100
Extension Department score
card, 100
Illinois Utility Score Card,
101, 102
later Iowa score card, 101
old and new compared, 104-8
Scott County, 18, 19
Seed Corn Special, 7, 109
attendance at lectures, 116
charts used on train, 112,
114, 115
first suggested by Supt.
Given of the C.R.I. and
P. Railroad, 112
INDEX

lecturers on the train, 110, 116
map showing stops, 111
railroads included, 116
report by J. S. Trigg in the Iowa State Register, 109-16
Seed house seed. See introduced seed tests
Shuck, William, 82
Single ear tests, 17
Sioux County, 15, 16, 18, 20, 29, 128
Smith, Charles, 69
Smith, J. D., 82
Snyder, A. H., 19
Story County, 5, 18, 19, 20
Studeman, A. H., 61, 67, 69, 70, 71, 83
Studeman, Ben, 73
Taff, Paul C., 7, 8, 9
Taylor County, 18, 20
Tests with corn
but kernels, 17
depth of planting, 17
farmers' variety, 29-42
barren stalks, effect of, 34, 35, 37-39
differences in yield, 30
germination of seed, effect of, 32
marketable ears, effect of, 35, 38-40
source of seed, 29
stand, effect of, 31, 32
germination of seed, 17
imported seed, 21
middle kernels, 17
seed house samples, 21
single ears, 17, 21
thickness of planting, 17, 21, 22, 23-28
Thickness planting tests, 17, 23-28
barren stalks, 26, 27
bushels per acre, 25
marketable ears, 27
recommendations, 26, 28
Tip kernels, 17
yield related to butt and middle kernels, 55, 56
Trigg, J. S., 109
Type of seed corn related to yield, 104
University of Illinois, 15
Unzicker, S. E., 83
Utility Corn Show, Illinois, 81
Value of testing each ear of seed, 56, 57
testing spread rapidly, 57
Variety tests with corn
farmers' samples. See farmers' variety tests
imported samples, 43-47
introduced samples, 17, 43-47
seed house samples, 43-47
Wadsworth, L. J., 82
Wallaces Farmer, 70, 71-73, 83
Wallace, Henry A., 5, 7, 89
Walker, Ben, 19
Webster County, 18, 20
Winnebago County, 18
Wilson, M. L., 7, 110, 116
Woodbury County, 18
Woodford County, Illinois, 5, 42
Agricultural Association, 82, 83, 85
Corn Yield Tests, 63, 75
Exhibit of, 79
Seed Company, 82
Worth County, 18
Yordy Brothers, 82